

## **REMARKS**

Claim 51, 64 and 84 are herein amended.

### **Objections with regard to the Specification**

The Examiner asks whether “conversion from Cat-5 cable 206” should be replaced by “coaxial data” at Page 11, line 20 of the specification. Applicant has amended the indicated sentence to correct a typographical error. However, the amendment suggested by the Examiner has not been adopted because the identified sentence is clear to one of skill in the art, especially in light of the contextual teaching at page 11, lines 10-12:

“The distribution box 12 further includes a Power Network (PNET) converter 208. The PNET converter 208 converts differential data received from the Cat-5 cable 206 into dual coaxial data suitable for transmission on a dual coaxial cable.”

The PNET converter converts differential data received from Cat-5 cable into dual coaxial data. Thus, when the indicated sentence speaks of “a corresponding PNET converter 208 to provide conversion from Cat-5 cable 206”, it is clear that conversion from differential data is implied.

With regard to page 15, lines 1-5 of the specification, the Examiner states that “it is not clear why a power manager 326 is connected to another power manager 316”. Applicant has amended this paragraph to correct a typographical error. Applicant inadvertently typed “326” when “316” was meant. This amendment is clearly supported by Figure 3. No new matter has been added.

### **Claim Objections**

Claims 51, 54-56, 64-65, 69-70 and 84-94 were objected to because of informalities.

Claim 51 has been amended to correct typographical errors.

Claim 54 has not been amended. Claim 54 recites:

a second capacitor in electrical communication with a first terminal of the second transformer and with the conductor of the second coaxial cable, wherein the second capacitor is configured to pass the second coaxial data and to block passage of the power.

This recitation is supported at least at page 16, lines 6-18 of the specification and exemplified by blocking capacitor 438 of Figure 4 (and also by the capacitor that is coupled between the conductors labeled 436 in Figure 5).

Claim 64 has been amended to enhance the clarity of the recited language by incorporating the Examiner's suggestion regarding "power switch".

Claim 69 has not been amended. Claim 69 recites:

a second capacitor in electrical communication with a first terminal of the second transformer and a second terminal of the third port, wherein the second capacitor is configured to pass the second coaxial data and block passage of the power.

This recitation is supported at least at page 16, lines 6-18 of the specification and exemplified by blocking capacitor 438 of Figure 4 (and also by the capacitor that is coupled between the conductors labeled 436 in Figure 5).

Claim 70 recites "auxiliary power lines configured to transmit power and configured to engage power lines exterior to the converter". This recitation is supported at least by the conductive lines that couple between power connector 480 and power port 482 of Figure 4 and by the teachings of the specification starting at page 18, line 23 and extending through page 19, line 6. The power connector 480 is configured to couple to power lines exterior to the converter 400. Thus, the term "engage", as used in Claim 70, may be interpreted as including "couple to" within its scope of meaning.

Claim 84 has been amended to enhance the clarity of the recited language as follows: "the switch is configured to ... route packets of the data to any of said ports as differential data".

## CONCLUSION

Applicant submits the application is in condition for allowance, and an early notice to that effect is requested.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel PC Deposit Account No. 50-1505/5957-03101/JCH.

Also enclosed herewith are the following items:

- ☒ Return Receipt Postcard
- ☐ Request for Approval of Drawing Changes
- ☐ Notice of Change of Address
- ☐ Check in the amount of \$        for fees (        ).
- ☐ Other:

Respectfully submitted,



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Date: Dec. 5, 2005 MKB